| FORM 1449* INFORMATION DISCLOSURE STATEMENT | Docket Number: Application Number: Unknown | | |
|---|--|-------------------------|--|
| IN AN APPLICATION | Applicant: Kumagawa et al. | | |
| (Use several sheets if necessary) | Filing Date: Herewith | Group Art Unit: Unknown | |

| EXAMINER INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
|---------------------|----------------|-------------|--------------------------------|---------------------|-----------|----------------------------|---------------------------------------|
| GW | US 6,028,650 | Feb. 2000 | Kuroha et al. | | | | |
| Con | US 6,317,182 | Nov. 2001 | Shimizu et al. | | | | |
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| | | F | DREIGN PATENT DOCUM | ENTS | <u> </u> | <u></u> | · · · · · · · · · · · · · · · · · · · |
| | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | YES | NO |
| GW | JP 5-232509 | Sep. 1993 | Japan | | | Abstract | |
| GN | JP 10-39328 | Feb. 1998 | Japan | | | See IDS | |
| GW | JP 2000-19558 | Jan. 2000 | Japan | | | See IDS | |
| GW | JP 2000-162627 | Jun. 2000 | Japan | | | Abstract | |
| | OTH | IER DOCUMEN | TS (Including Author, Title, D | ate, Pertinent Page | es, Etc.) | | |
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| EXAMINER | 1417 | DATE CONSIDERED | 6/11/04 |
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.